

Converting Colors

Hex(99CAFF)

Have a look what the booklet for
Hex(99CAFF) contains.

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Color

Hex(99CAFF)

Conversions

Conversions Part 1

Format	Color
Hex	99CAFF
RGB	153, 202, 255
RGB Percent	60%, 79%, 100%
CMY	0.4000, 0.2078, 0.0000
CMYK	0.40, 0.21, 0.00, 0.00
HSL	211°, 100%, 80%
HSV	211°, 40%, 100%
XYZ	52.3074, 56.2334, 102.7050
YIQ	193.3910, -46.2170, 6.0950

Conversions

Conversions Part 2

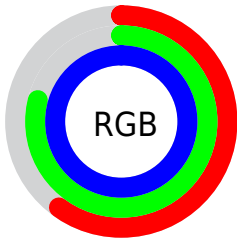
Format	Color
R _Y B	153, 186, 255
Decimal	10078975
CIE Lab	79.75, -2.96, -31.06
CIE LCh	80, 31.204, 264.562
Yxy	56.2334, 0.2476, 0.2662
Android (android.graphics.Color)	4288269055 (0xFF99CAFF)
YUV	193.3910, 30.3732, -35.4229
Hunter-Lab	74.9889, -6.7206, -28.7115

Details

The Hex color **99CAFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFCE99**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D2FFFF**, and **6194C6** is the 20% darker color. If you saturate the color by 10%, you get **80BDFF**, and if you desaturate by 10%, it is **B3D7FF**.

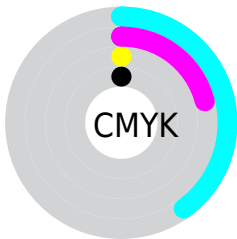
Distribution



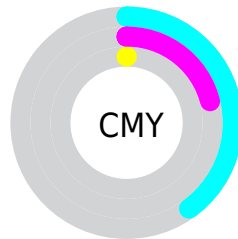
- Red (60%)
- Green (79%)
- Blue (100%)



- Red (60%)
- Yellow (73%)
- Blue (100%)



- Cyan (40%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (40%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99CAFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 99CAFF by changing the saturation by 10% instead.

 99CAFF

 99CAFF

FFFFFF

 7DAFE2

 D2FFFF

 6194C6

 F0FFFF


 457AAB

 266290

 004A76

 00345D

 001F45

 00042F

 000119

 99CAFF

 99CAFF

 80BDFF

 B3D7FF

 66B0FF

 CCE5FF

 4DA2FF

 E6F2FF

 3395FF

FFFFFF

 1988FF

 007BFF

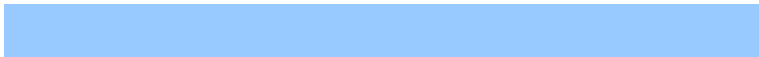
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76D2F4



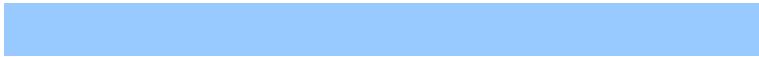
99CAFF



C3C0FA

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



99CAFF



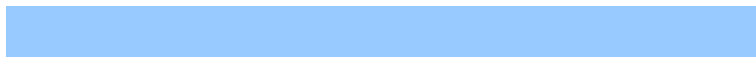
FFB2AF



A0D2A3

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



99CAFF



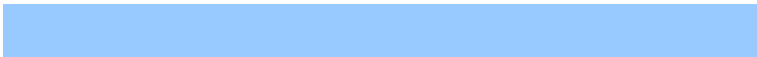
FFCE99

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C1CB90



99CAFF



F6B897

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



99CAFF



FBB1CC



E0C28C



80D6BF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



99CAFF



DCB9EF



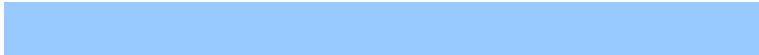
E0C28C



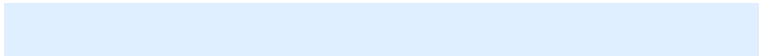
ABD09B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



99CAFF



E0EFFF



99FFCE



6E7680



000000



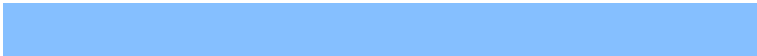
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



99CAFF



85BFFF



9B99FF



737980



005CBF



001F40

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF99CA



FF85BF



FDF999



807379



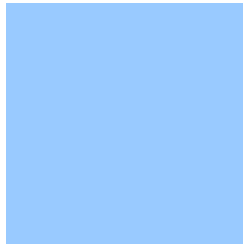
BF005C



40001F

Previews

White Background



This preview shows how the Hex color 99CAFF looks on a white background.

Color Contrast Check

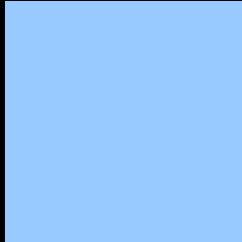
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 99CAFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

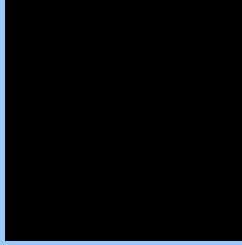
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

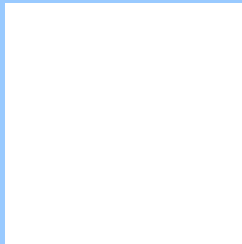
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 99CAFF Background



This preview shows how black text looks on a background with the Hex color 99CAFF.

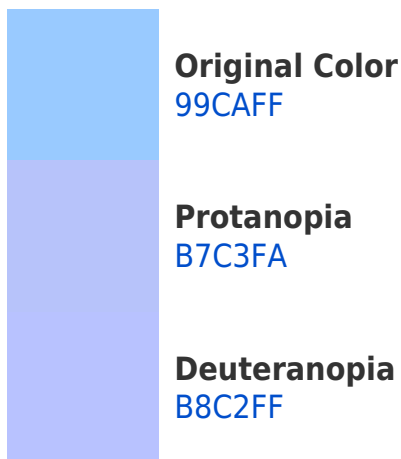


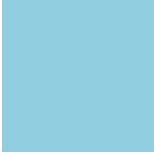
This preview shows how white text looks on a background with the Hex color 99CAFF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

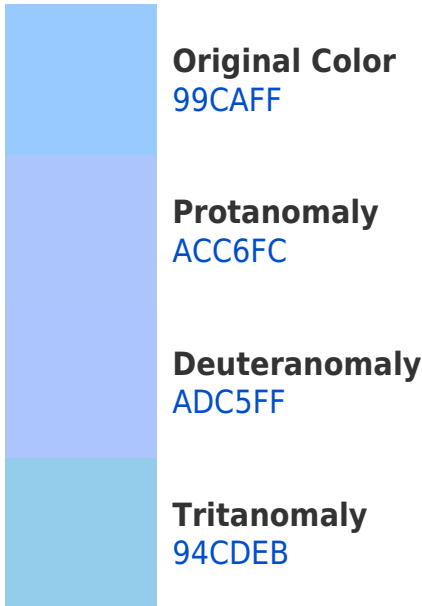
Dichromacy



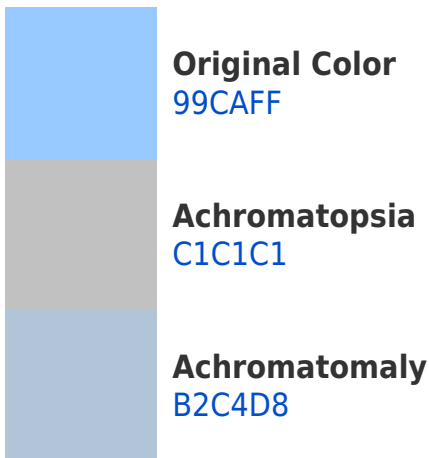


Tritanopia
91CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99CAFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #99CAFF looks like.

```
.text, #text, p{  
    color:#99CAFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #99CAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99CAFF
}
```

Border

The CSS property to change the border of an element to Hex 99CAFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99CAFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#99CAFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #99CAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99CAFF; -webkit-box-shadow:4px 4px  
4px 4px #99CAFF; box-shadow:4px 4px 4px  
4px #99CAFF }
```

Background

The CSS property to change the background color of an element to Hex 99CAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99CAFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#99CAFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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